

ABSTRACT OF THE DISCLOSURE

In a direct injection diesel engine, front and rear intake openings of each cylinder are arranged along the row direction of the cylinders on one side thereof. A front intake port communicating with the front intake opening is formed to extend from the front intake opening in a direction generally perpendicular to the row direction of the cylinders. A rear intake port communicating with the rear intake opening is formed to be directed to a flow direction of a swirl generated in the corresponding combustion chamber.